

Converting Colors

HunterLab(87.7260, -58.8704,
49.7475)

Have a look what the booklet for
HunterLab(87.7260, -58.8704,
49.7475) contains.

HunterLab(87.7260, -58.8704, 49.7475)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(87.7260,
-58.8704, 49.7475)**

Conversions

Conversions Part 1

Format	Color
Hex	86FF40
RGB	134, 255, 64
RGB Percent	53%, 100%, 25%
CMY	0.4745, 0.0000, 0.7490
CMYK	0.47, 0.00, 0.75, 0.00
HSL	98°, 100%, 63%
HSV	98°, 75%, 100%
XYZ	46.5169, 76.9585, 17.2533
YIQ	197.0470, -10.8050, -85.0530

Conversions

Conversions Part 2

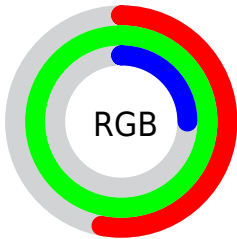
Format	Color
RYB	64, 255, 185
Decimal	8847168
CIELab	90.30, -64.17, 75.05
CIElCh	90, 98.746, 130.532
Yxy	76.9586, 0.3305, 0.5469
Android (android.graphics.Color)	4287037248 (0xFF86FF40)
YUV	197.0470, -65.5922, -55.2922
Hunter-Lab	87.7260, -58.8704, 49.7475

Details

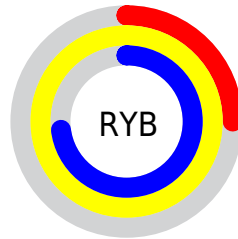
The HunterLab color **87.7260, -58.8704, 49.7475** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **46.0466, 74.0650, -92.1473**, and the grayscale version is **75.0158, -4.0027, 4.0758**.

A 20% lighter version of the original color is **91.9659, -40.7891, 43.6613**, and **64.1572, -50.0918, 38.6564** is the 20% darker color. If you saturate the color by 10%, you get **86.8930, -62.5626, 51.1671**, and if you desaturate by 10%, it is **88.7404, -54.3376, 47.3406**.

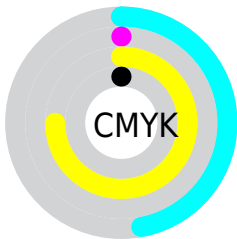
Distribution



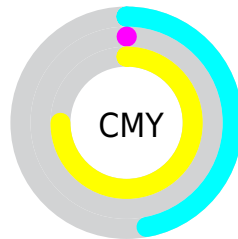
- Red (53%)
- Green (100%)
- Blue (25%)



- Red (25%)
- Yellow (100%)
- Blue (73%)



- Cyan (47%)
- Magenta (0%)
- Yellow (75%)
- Black (0%)





- Cyan (47%)
- Magenta (0%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.7260, -58.8704, 49.7475 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 87.7260, -58.8704, 49.7475 by changing the saturation by 10% instead.


 87.7260, -58.8704,
49.7475


 87.7260, -58.8704,
49.7475


220.1415,
-90.4538, 87.1100


 75.6432, -54.8327,
44.9144


 113.6138,
-66.5122, 58.8854


 64.1724, -50.6113,
39.8773


 127.3705,
-70.1602, 63.2319


 53.3484, -46.1644,
34.6150


 141.6416,
-73.7146, 67.4526

 43.2124, -41.4350,
29.1285

 156.4091,
-77.1880, 71.5620

 33.8147, -36.3427,
23.6703

 171.6569,
-80.5906, 75.5724

 25.2186, -30.7702,
17.6530

187.3704,

 17.5073, -24.8287,

-83.9311, 79.4945

12.2551

203.5360,
-87.2167, 83.3377

■ 10.7972, -18.8950,
7.5580

■ 1.8301, -3.2027,
1.2811

■ 87.7260, -58.8704,
49.7475

■ 87.7260, -58.8704,
49.7475

■ 86.8930, -62.5626,
51.1671

■ 88.7404, -54.3376,
47.3406

■ 86.2298, -65.4565,
51.7265

■ 89.9436, -48.9523,
43.8725

■ 85.9480, -66.6715,
51.7936

■ 91.3402, -42.7230,
39.3027

■ 92.9321, -35.6763,
33.6209

■ 94.7191, -27.8523,
26.8407

■ 96.6993, -19.3011,
18.9947

■ 98.8692, -10.0796,
10.1303

■ 100.0000, -5.3358,
5.4332

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.7260, -21.5898, 55.5169



87.7260, -58.8704, 49.7475



87.7260, -78.2238, 30.1327

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.7260, -58.8701, 49.7467



87.7260, -34.5077, -132.7893



87.7260, 111.3787, 19.9126

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



87.7260, -58.8704, 49.7475



46.0466, 74.0650, -92.1473

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.7260, 105.7202, -31.5386



87.7260, -58.8704, 49.7475



87.7260, 13.6043, -141.3051

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.7260, -58.8701, 49.7467



87.7260, -66.4959, -77.9701



87.7260, 67.0149, -97.1743



87.7260, 81.0834, 45.8646

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.7260, -58.8704, 49.7475



87.7260, -81.6606, 3.9215



87.7260, 67.0149, -97.1743



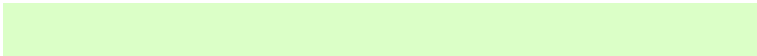
87.7260, 113.7604, 5.6203

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



87.7260, -58.8701, 49.7467



95.2734, -25.4458, 24.6740



75.0436, 10.2210, 42.5873



43.8377, -12.8147, 12.3542

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.7260, -58.8701, 49.7467



86.5344, -64.1346, 51.5496



85.6385, -67.1231, 44.9792



45.2683, -6.6649, 6.6324



62.1901, -47.9337, 37.4821



19.5579, -14.3207, 11.8008

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



46.0466, 74.0650, -92.1473



40.7223, 82.9435, -111.1998



55.3306, 87.9974, -44.2182



42.3653, 2.1623, -2.1966



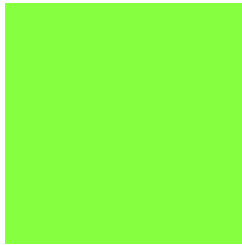
28.0167, 61.4446, -86.2758



9.0898, 19.6076, -25.4510

Previews

White Background



This preview shows how the HunterLab color 87.7260, -58.8704, 49.7475 looks on a white background.

Color Contrast Check

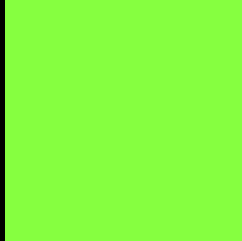
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 87.7260, -58.8704, 49.7475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

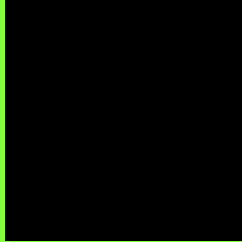
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

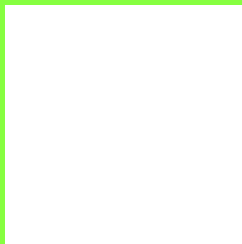
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 87.7260, -58.8704, 49.7475 Background



This preview shows how black text looks on a background with the HunterLab color 87.7260, -58.8704, 49.7475.



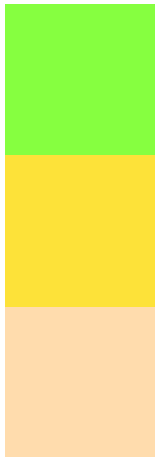
This preview shows how white text looks on a background with the HunterLab color 87.7260,

-58.8704, 49.7475.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.7260, -58.8704, 49.7475

Protanopia

86.9314, -11.5934, 50.7237

Deuteranopia

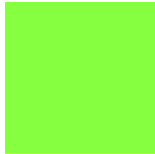
86.8697, 0.8058, 26.5595



Tritanopia

87.3696, -20.2791, -10.7202

Trichromacy



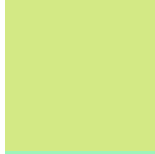
Original Color

87.7260, -58.8704, 49.7475



Protanomaly

86.3691, -31.9419, 49.7264



Deuteranomaly

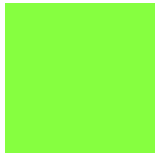
85.9187, -25.2135, 37.1884



Tritanomaly

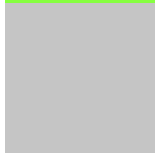
86.8416, -38.6791, 21.1181

Monochromacy



Original Color

87.7260, -58.8704, 49.7475



Achromatopsia

74.7222, -3.9870, 4.0598



Achromatomaly

78.3016, -27.7147, 26.2338

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.7260, -58.8704, 49.7475 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(134, 255, 64)` looks like.

```
.text, #text, p{  
    color:rgb(134, 255, 64)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(134, 255, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 255, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 87.7260, -58.8704, 49.7475 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(134, 255, 64) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(134, 255, 64) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(134, 255, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 255, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 255, 64);  
box-shadow:4px 4px 4px 4px rgb(134, 255,  
64) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.7260, -58.8704, 49.7475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 255, 64) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(134,  
255, 64) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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